

Single Page Website

Design, build and host a single-page website that serves as documentation for a specific technology. Your site will focus on **RaspberryPI**. The final product of this assignment will be a hosted website on a purchased domain and a Github repository.

Learning Goals: Flat design, hosting, development and responsive design.

Requirements: You are expected to propose several possible interactive experiences before selecting one. Provide a flat design for the experience and deliver an interactive and responsive website designed around the designer's sensibilities and expectations of their end-users.

Summary

Design, build and host a single-page website that serves as documentation for a specific skill. Remember that the site will be used as both a tutorial as well as a resource that is returned to as reference material for your end-users. **The final product of this assignment will be a hosted website on a purchased domain and a Github repository.**

You have two options for the subject of your project.

1. You can focus on **RaspberryPI**. Begin by reading the resources below and create a plan for how to structure your tutorial/documentation to best prioritize critical information. ECUAD hopes to select the aptest site as a resource for future students.

Primary Resource

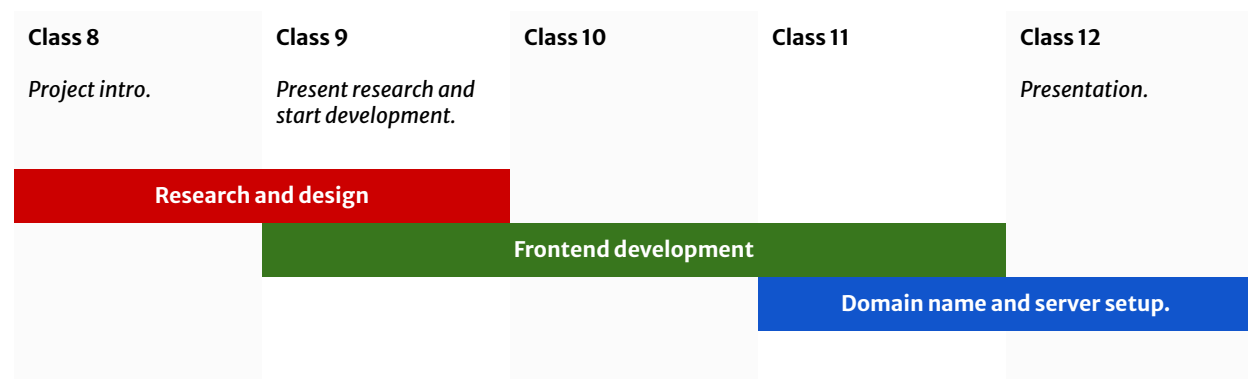
docs.google.com/presentation/d/1fFCChZ8-J18Rl4vux6lEulCgXzeM1v8Cu-rnpgT378M

Supplementary Resources

design.ecuad.ca/rpi

2. **You can select your own subject.** There should be at least 9 steps in your tutorial and they should include a video, images, and a code sample.

Timeline



Week 8

- Organize your content via simple sitemap/wireframes.
- Create flats for your website and identify primary features.

Week 9

- Finalize any refinements to your flats.
- Begin developing the site locally.

Week 10

- Finish adding all primary information to your website.

Week 11

- Finalize any refinements to your site.
- Host your website and upload it to GitHub.
- Prepare to present it.

Week 12

- Present your website.

Learning Goals

Broad: Research, UI consideration, information hierarchy, and frontend development.

Specific: Human-focused UI design, hosting, tooling, and CSS/HTML/JS development.

Requirements

Research the assigned technology, design and develop a single-page website that prioritizes the user's ability to understand the technology.

Presentations

Research presentation (1 min): Describe how you are organizing your content and identify your primary features.

Final presentation (5 min): Show hosted prototype, summary/context, and anything of interest.

Expectations

Each student is expected to complete all of the tasks below.

Research

- Organize your content via sitemap/wireframes.
- Identify primary features.

User Interface

- Sketch possible implementations. At least 2 directions.
- Final flats for your application.
- Show in-process iterations of your flats.

Web Development

- Functional web implementation.
- Consistent and readable code.
- A hosted website with a purchased domain.
- A GitHub repository of your project.

Process Book

- Deliver a summary (250 words), research findings, original concepts and sketches, flats and design documents, link to the website, and shared GitHub repo to your instructor for grading. Consider the design of your Process Book.

Final Presentation

- Present the hosted prototype, summary/context, and anything of special interest to class at the end of the project in a live 5 min presentation.